

of distance down ^{edge} ~~wing~~. This surprises me
more, ^{as} Mr. Lemmon, Mrs Ames and I
have never before found it at this season
of the year.

If you should name the specimens
and are willing to be bothered with more
please note those most desirable.

Yours truly
R. M. Coulter

Fern - Hill Cal,
June 4th, 1876,

Dr. A. Gray,
Dear Sir,

Please pardon me
for this intrusion upon your time. I am
collecting plants and was advised by a friend
to send you numbered specimens of the
flora of this valley. You need not name for
me if not convenient, as I am sending the
same species to Dr. Canby, and he has heretofore
kindly given me the names. I have
several in my lot that I did not have
last year. The Lupines are very much
alike and yet distinct in their manner
and place of growth. I send a singular
compositae which is not quite dry, rolled in
a paper. In its early growth it resembled
a finely divided "Ice plant"

The *Crucifer* with spear shaped pods was at
scarcely in flower. It is nearly a pure white
orchid? and very fragrant. I collected this one
last year. It is not yet in bloom. I will try
and send you & Dr. Canby perfect specimens
this fall. He did not ~~not~~ give me the specific
name.

Darlingtonia is in full bloom, though
flowers scarce, on account of late heavy
frosts. Small spiders numerous in flowers,
almost every one has its spider and
web. The webs are generally fastened to
the pistil, and extend over ovary to sta-
mens. Each flower has a lot of small
insects in among the stamens, which
are found in the webs, also. Have been
able to see no flying insects enter the
flowers nor tubes.

The first two leaves are about six or
eight inches high, and secreting
liquid in the upper and lower

part of tubes & hoods. The liquid in
upper part, is confined to the hood &
dotted portion of tubes; in the lower
part it is thrown out in the greatest
quantity near the bottom. not as yet
extending more than an inch upward.
Quantity from one to six drops; clear
and tasteless. In my test this morning
it changed litmus paper, slightly.
No Larvae found in new leaves.

Liquid in old tubes greatly increased
since the warm weather set in, & the
capture of new insects. Insect captured
principally large black ants, some spi-
ders, and a few small black beetles. In my
examinations this morning found ^{see} the
honey bees, and a small snail.

Find the lice secreted quite freely
by ~~the~~ most of the old leaves. ^{they spring} this
spring, it is on outside & inside of hood
on fish tails & extends about two thirds